

 $AspAlaGluPheArgHisAspSerGlyTyrGluValHisHisGlnLysLeuValPhePheAlaGluAspValGlySerAsnLysGlyAla\\IleIleGlyLeuMetValGlyGlyValValIleAlaThr$

FIG. 2 (SEQ. ID NO. 2)

Met Leu ProGly Leu Ala Leu Leu Leu Ala Ala Trp Thr Ala Arg Ala Leu Glu Val ProThr Asp Gly Asn Ala Gly Leu Ala Glu ProThr Ala Arg Ala Leu Glu Val ProThr Asp Gly Asn Ala Gly Leu Ala Glu ProThr Ala Arg Ala Leu Glu Val ProThr Asp Gly Asn Ala Gly Leu Ala Glu ProThr Ala Arg Ala Leu Glu Val ProThr Asp Gly Asn Ala Gly Leu Ala Gly LeuroGlnIleAlaMetPheCysGlyArgLeuAsnMetHisMetAsnValGlnAsnGlyLysTrpAspSerAspProSerGlyThrLysThr Cys Ile Asp Thr Lys Glu Gly Ile Leu Gln Tyr Cys Gln Glu Val Tyr Pro Glu Leu Gln Ile Thr Asn Val Val Glu Ala Asn Gln Pro Val Tyr Pro Glu Asn Gluhr Ile Gln Asn Trp Cys Lys Arg Gly Arg Lys Gln Cys Lys Thr His Pro His Phe Vall Ile Pro Tyr Arg Cys Leu Val Gly Glu Phe Val Ser Asn Trp Cys Lys Arg Gly Arg Lys Gln Cys Lys Thr His Pro His Phe Vall Ile Pro Tyr Arg Cys Leu Val Gly Glu Phe Val Ser Asn Trp Cys Lys Arg Gly Arg Lys Gln Cys Lys Thr His Pro His Phe Val Ile Pro Tyr Arg Cys Leu Val Gly Glu Phe Val Ser Asn Trp Cys Lys Arg Gly Arg Lys Gln Cys Lys Thr His Pro His Phe Val Ile Pro Tyr Arg Cys Leu Val Gly Glu Phe Val Ser Asn Trp Cys Lys Arg Gly Arg Lys Gln Cys Lys Thr His Pro His Phe Val Ile Pro Tyr Arg Cys Leu Val Gly Glu Phe Val Ser Asn Trp Cys Lys Arg Gly Arg Lys Gln Cys Lys Thr His Pro His Phe Val Ile Pro Tyr Arg Cys Leu Val Gly Glu Phe Val Ser Asn Trp Cys Lys Arg Gly Arg Lys Gln Cys Lys Thr His Pro His Phe Val Ile Pro Tyr Arg Cys Leu Val Gly Glu Phe Val Ser Asn Trp Cys Lys Arg Gly Arg Lys Gln Cys Lys Arg Gly Arg Gly Arg Lys Gln Cys Lys Arg Gly ArgpAla Leu Leu Val Pro Asp Lys Cys Lys Phe Leu His Gln Glu Arg Met Asp Val Cys Glu Thr His Leu His Trp His Through Management of the Control of the ControleValCysCysProLeuAlaGluGluSerAspAsnValAspSerAlaAspAlaGluGluAspAspSerAspValTrpTrpGlyGlyAlaAspThrAspAspGluAspGluAspGluAspGluAspGluAlaGluGluGluGluGluGluGluGluGluGluGluAlaThrGluArgThrThrSerIleAla CysMetAlaValCysGlySerAlaMetSerGlnSerLeuLeuLysThrThrGlnGluProLeuAlaArgAspProValLysLeu ProThrThrAlaAlaSerThrProAspAlaValAspLysTyrLeuGluThrProGlyAspGluAsnGluHisAlaHisPheGlnLysAlaPheGlnLysALysGluArgLeuGluAlaLysHisArgGluArgMetSerGlnValMetArgGluTrpGluGluAlaGluArgGlnAlaLysAsnLeuProLysGluThr His Met Ala Arg Val GluAla Met Leu Asn Asp Arg Arg Leu Ala Leu Glu Asn Tyr Ile Thr Ala Leu Gln Ala Val Prompte Frank of the FrProArgProArgHisValPheAsnMetLeuLysLysTyrValArgAlaGluGlnLysAspArgGlnHisThrLeuLysHisPheGluHis Val Arg Met Val Asp Pro Lys Lys Ala Ala Gln I le Arg Ser Gln Val Met Thr His Leu Arg Val I le Tyr Glu Arg Met Asn Gln Ser Val Arg Met Val Asp Pro Lys Lys Ala Ala Gln I le Arg Ser Gln Val Met Thr His Leu Arg Val I le Tyr Glu Arg Met Asn Gln Ser Val Arg Met Val Asp Pro Lys Lys Ala Ala Gln I le Arg Ser Gln Val Met Thr His Leu Arg Val I le Tyr Glu Arg Met Asn Gln Ser Val Arg Met Val Asp Pro Lys Lys Ala Ala Gln I le Arg Ser Gln Val Met Thr His Leu Arg Val I le Tyr Glu Arg Met Asn Gln Ser Val Arg Met Val Asp Pro Lys Lys Ala Ala Gln I le Arg Ser Gln Val Met Thr His Leu Arg Val I le Tyr Glu Arg Met Asn Gln Ser Val Arg Met Val Asp Pro Lys Lys Ala Ala Gln I le Arg Ser Gln Val Met Thr His Leu Arg Val I le Tyr Glu Arg Met Asn Gln Ser Val Arg Met Val Asp Pro Lys Lys Ala Ala Gln I le Arg Ser Gln Val Met Thr His Leu Arg Val I le Tyr Glu Arg Met Val Asp Pro Lys Lys Ala Ala Gln I le Arg Ser Gln Val Met Thr His Leu Arg Val I le Tyr Glu Arg Met Val Asp Pro Lys Lys Ala Ala Gln I le Arg Ser Gln Val Met Thr His Leu Arg Val I le Tyr Glu Arg Met Val Asp Pro Lys Lys Ala Ala Gln I le Tyr Glu Arg Met Val Asp Pro Lys Lys Ala Ala Gln I le Tyr Glu Arg Met Val Asp Pro Lys Lys Ala Ala Gln I le Tyr Glu Arg Met Val Asp Pro Lys Lys Ala Ala Gln I le Tyr Glu Arg Met Val Asp Pro Lys Lys Ala Ala Gln I le Tyr Glu Arg Met Val Asp Pro Lys Lys Ala Ala Gln I le Tyr Glu Arg Met Val Asp Pro Lys Lys Ala Ala Gln I le Tyr Glu Arg Met Val Asp Pro Lys Lys Ala Ala Gln I le Tyr Glu Arg Met Val Asp Pro Lys Lys Ala Ala Gln I le Tyr Glu Arg Met Val Asp Pro Lys Lys Ala Ala Gln I le Tyr Glu Arg Met Val Asp Pro Lys Lys Ala Ala Gln I le Tyr Glu Arg Met Val Asp Pro Lys Lys Ala Ala Gln I le Tyr Glu Arg Met Val Asp Pro Lys Lys Ala Ala Gln I le Tyr Glu Arg Met Val Asp Pro Lys Lys Ala Ala Gln I le Tyr Glu Arg Met Val Asp Pro Lys Lys Ala Ala Gln I le Tyr Glu Arg Met Val Asp Pro Lys Lys Ala Ala Gln I le Tyr Glu Arg Met Val Asp Pro Lys Lys Ala Ala Gln I le Tyr Glu Arg Met Val Asp Pro Lys Lys Ala Ala Ala Gln I le Tyr Glu Arg Met Val Asp Pro Lys Lys Ala Ala Ala Ala Ala Ala AlaAspValLeuAlaAsnMetIleSerGluProArgIleSerTyrGlyAsnAspAlaLeuMetProSerLeuThrGluThrLysThrThrValGluLeuAlaAsnMetIleSerGluProArgIleSerTyrGlyAsnAspAlaLeuMetProSerLeuThrGluThrLysThrThrValGluLeuAlaAsnMetIleSerGluProArgIleSerTyrGlyAsnAspAlaLeuMetProSerLeuThrGluThrLysThrThrValGluLeuAlaAsnMetIleSerGluProArgIleSerTyrGlyAsnAspAlaLeuMetProSerLeuThrGluThrLysThrThrValGluLeuAlaAsnMetIleSerGluProArgIleSerTyrGlyAsnAspAlaLeuMetProSerLeuThrGluThrLysThrThrValGluLeuAlaAsnMetIleSerGluProArgIleSerTyrGlyAsnAspAlaLeuMetProSerLeuThrGluThrLysThrThrValGluLeuAlaAsnMetIleSerGluProArgIleSerTyrGlyAsnAspAlaLeuMetProSerLeuThrGluThrLysThrThrValGluLeuAlaAsnMetIleSerGluProArgIleSerTyrGlyAsnAspAlaLeuMetProSerLeuThrGluThrLysThrThrValGluLeuAlaAsnMetIleSerGluProArgIleSerTyrGlyAsnAspAlaLeuMetProSerLeuThrGluThrLysThrThrValGluLeuAlaAsnMetIleSerGluProArgIleSerTyrGlyAsnAspAlaLeuMetProSerLeuThrGluThrLysThrThrValGluLeuAlaAsnAspAlaALeu ProVal Asn Gly Glu Phe Ser Leu Asp Asp Leu Gln ProTrp His Ser Phe Gly Ala Asp Ser Val ProAla Asn Thr Glu Asn Leu ProVal Asn Gly Glu Phe Ser Leu Asp Asp Leu Gln ProTrp His Ser Phe Gly Ala Asp Ser Val ProAla Asn Thr Glu Asn Leu ProVal Asn Gly Glu Phe Ser Leu Asp Asp Leu Gln ProTrp His Ser Phe Gly Ala Asp Ser Val ProAla Asn Thr Glu Asn Leu ProVal Asn Gly Glu Phe Ser Leu Asp Asp Leu Gln ProTrp His Ser Phe Gly Ala Asp Ser Val ProAla Asn Thr Glu Asn Charles Gly Ala Asp Ser Val ProAla Asn Thr Glu Asn Charles Gly Ala Asp Ser Val ProAla Asn Thr Glu Asn Charles Gly Ala Asp Ser Val ProAla Asn Thr Glu Asn Charles Gly Ala Asp Ser Val ProAla Asn Thr Glu Asn Charles Gly Ala Asp Ser Val ProAla Asn Thr Glu Asn Charles Gly Ala Asp Ser Val ProAla Asn Charles Gly Ala Asp Ser Val ProAla Asn Charles Gly Asn Charles Gly Asp Ser Val ProAla Asn Charles Gly Asp Ser Val ProAla Asn Charles Gly Asn Charles Gly Asp Ser Val ProAla Asp Ser Val ProAla Asn Charles Gly Asp Ser Val ProAla Asp SerGluValGluProValAspAlaArgProAlaAlaAspArgGlyLeuThrThrArgProGlySerGlyLeuThrAsnIleLysThrGluGluIleSerGluValLysMetAspAlaGluPheArgHisAspSerGlyTyrGluValHisHisGlnLysLeuValPhePheAlaGluAspValGlyGluValLysMetAspAlaGluPheArgHisAspSerGlyTyrGluValHisHisGlnLysLeuValPhePheAlaGluAspValGlyGluValLysMetAspAlaGluPheArgHisAspSerGlyTyrGluValHisHisGlnLysLeuValPhePheAlaGluAspValGlyGluValLysMetAspAlaGluPheArgHisAspSerGlyTyrGluValHisHisGlnLysLeuValPhePheAlaGluAspValGlyGluValLysMetAspAlaGluPheArgHisAspSerGlyTyrGluValHisHisGlnLysLeuValPhePheAlaGluAspValGlyGluValLysMetAspAlaGluPheArgHisAspSerGlyTyrGluValHisHisGlnLysLeuValPhePheAlaGluAspValGlyGluValLysMetAspAlaGluPheArgHisAspSerGlyTyrGluValHisHisGlnLysLeuValPhePheAlaGluAspValGlyGluValHisHisGlnLysLeuValPhePheAlaGluAspValGlyGluValHisHisGlnLysLeuValPhePheAlaGluAspValGlyGluValHisHisGlnLysLeuValPhePheAlaGluAspValGlyGluValHisHisGlnLysLeuValPhePheAlaGluAspValGlyGluValHisHisGlnLysLeuValPhePheAlaGluAspValGlyGluValHisHisGlnLysLeuValPhePheAlaGluAspValGlyGluValHisHisGlnLysLeuValPhePheAlaGluAspValGlyGluValHisHisGlnLysLeuValPhePheAlaGluAspValGlyGluValHisHisGlnLysLeuValPhePheAlaGluAspValGlyGluValHisHisGlnLysLeuValPhePheAlaGluAspValGlyGluValHisHisGlnLysLeuValPhePheAlaGluAspValGlyGluValHisHisGlnLysLeuValPhePheAlaGluValHisGluValHSer Asn Lys Gly Ala Ile Ile Gly Leu Met Val Gly Gly Val Val Ile Ala Thr Val Ile Val Ile Thr Leu Val Met Leu Lys Lys Gln Tyr Thr March MaSer Ile His His Gly Val Val Glu Val Asp Ala Ala Var Thr Pro Glu Glu Arg His Leu Ser Lys Met Gln Gln Asn Gly Tyr Glu Asn Pro Thr Glu Glu Arg His Leu Ser Lys Met Gln Gln Asn Gly Tyr Glu Asn Pro Thr Glu Glu Arg His Leu Ser Lys Met Gln Gln Asn Gly Tyr Glu Asn Pro Thr Glu Glu Arg His Leu Ser Lys Met Gln Gln Asn Gly Tyr Glu Asn Pro Thr Glu Glu Arg His Leu Ser Lys Met Gln Gln Asn Gly Tyr Glu Asn Pro Thr Glu Glu Arg His Leu Ser Lys Met Gln Gln Asn Gly Tyr Glu Asn Pro Thr Glu Glu Arg His Leu Ser Lys Met Gln Gln Asn Gly Tyr Glu Asn Pro Thr Glu Glu Arg His Leu Ser Lys Met Gln Gln Asn Gly Tyr Glu Asn Pro Thr Glu Glu Arg His Leu Ser Lys Met Gln Gln Asn Gly Tyr Glu Asn Pro Thr Glu Glu Arg His Leu Ser Lys Met Gln Gln Asn Gly Tyr Glu Asn Pro Thr Glu Glu Arg His Leu Ser Lys Met Gln Gln Asn Gly Tyr Glu Asn Pro Thr Glu Glu Arg His Leu Ser Lys Met Gln Gln Asn Gly Tyr Glu Asn Pro Thr Glu Glu Arg His Leu Ser Lys Met Gln Gln Asn Gly Tyr Glu Asn Pro Thr Glu Glu Arg His Leu Ser Lys Met Gln Gln Asn Gly Tyr Glu Asn Pro Thr Glu Glu Arg His Leu Ser Lys Met Gln Gln Asn Gly Tyr Glu Asn Pro Thr Glu Glu Arg His Leu Ser Lys Met Gln Gln Asn Gly Tyr Glu Asn Pro Thr Glu Glu Arg His Leu Ser Lys Met Gln Gln Asn Gly Tyr Glu Asn Pro Thr Glu Glu Arg His Leu Ser Lys Met Gln Gln Asn Gly Tyr Glu Asn Pro Thr Glu Glu Arg His Leu Ser Lys Met Gln Gln Asn Gly Tyr Glu Asn Gly Tyr GlyTyrLys Phe Phe Glu Gln Met Gln Asn

FIG. 3 (SEQ. ID NO. 3)

MetAlaAsnLeuGlyCysTrpMetLeuValLeuPheValAlaThrTrpSerAspLeuGlyLeuCysLysLysArgProLysProGlyGlyTrp AsnThrGlyGlySerArgTyrProGlyGlnGlySerProGlyGlyAsnArgTyrProProGlnGlyGlyGlyGlyGlyTrpGlyGlnProHisGlyGlyGlyTrpGlyGlnProHisGlyGlyGlyTrpGlyGlnProHisGlyGlyGlyTrpGlyGlnProHisGlyGlyGlyTrpGlyGlnProHisGlyGlyGlyTrpGlyGlnProHisGlyGlyGlyTrpGlyGlnProHisGlyGlyGlyTrpGlyGlnProHisGlyGlyGlyTrpGlyGlnProHisGlyGlyGlyTrpGlyGlnProHisGlyGlyGlyTrpGlySerAsnMetLysHisMetAlaGlyAlaAlaAlaAlaGlyAlaGlyGlyGlyGlyTrpAsnLysProSerLysProLysThrAsnMetLysHisMetAlaGlyAlaAlaAlaAlaAlaGlyAlaGlyGlyGlyGlyGlyGlySerAlaMetSerArgProIleIleHisPheGlySerAspTyrGluAspArgTyrTyrArgGluValValGlyGlyGlySerAlaMetSerArgProIleIleHisPheGlySerAspTyrGluAspArgTyrTyrArgGluTyrSerAsnGlnAsnAsnPheValHisAspCysValAsnIleThrIlAsspValLysMetMetGluArgValValGluGlnMetCysIleTeLysGlnHisThrValThrThrThrThrThrTyrGlnArgGlySerSerMetValLeuPheSerSerProProValIleLeuLeuHerGlnTyrGlnArgGluSerGlnAlaTyrTyrGlnArgGlySerSerMetValLeuPheSerSerProProValIleLeuLeuHerGllevalGly

FIG. 4 (SEQ. ID NO. 4)

FIG. 5 (SEQ. ID NO. 5)

Met Ala Glu Pro Arg Gln Glu Phe Glu Val Met Glu Asp His Ala Gly Thr Tyr Gly Leu Gly Asp Arg Lys Asp Gln Gly Gly Tyr Thr Met Glu Phe Glu Val Met Glu Asp His Ala Gly Thr Tyr Gly Leu Gly Asp Arg Lys Asp Gln Gly Gly Tyr Thr Met Glu Phe Glu Val Met Glu Asp His Ala Gly Thr Tyr Gly Leu Gly Asp Arg Lys Asp Gln Gly Gly Tyr Thr Met Gly Phe Gly Charles and Gly Thr Tyr Gly Leu Gly Asp Arg Lys Asp Gln Gly Gly Tyr Thr Met Gly Phe Gly Charles and Gly Thr Tyr Gly Leu Gly Asp Arg Lys Asp Gln Gly Gly Tyr Thr Met Gly Phe Gly Charles and Gly Thr Tyr Gly Leu Gly Asp Arg Lys Asp Gln Gly Gly Tyr Thr Met Gly Phe Gly Charles and Gly Thr Tyr Gly Leu Gly Asp Arg Lys Asp Gln Gly Gly Tyr Thr Met Gly Phe Gly Charles and Gly Thr Tyr Gly Leu Gly Asp Arg Lys Asp Gln Gly Gly Tyr Thr Met Gly Phe Gly Phe Gly Charles and Gly Thr Tyr Gly Leu Gly Phe Gly Phe Gly Charles and Gly Thr Tyr Gly Leu Gly Phe Gly Phe Gly Charles and Gly Phe Gly PheProHis Thr Glulle ProGluGly Thr Thr Ala GluGluAla Gly Ile Gly Asp Thr ProSer Leu Glu Asp Glu Ala Gly His Value and GlyThr Gln Glu Pro Glu Ser Gly Lys Val Val Gln Glu Gly Phe Leu Arg Glu Pro Gly Pro Pro Gly Leu Ser His Gln Leu Met Ser Gly Control of the ContMetProGlyAlaProLeuLeuProGluGlyProArgGluAlaThrArgGlnProSerGlyThrGlyProGluAspThrGluGlyGlyArg Gly Ser Lys Glu Glu Val Asp Glu Asp Arg Asp Val Asp Glu Ser Ser Pro Gln Asp Ser Pro Pro Ser Lys Ala Ser Pro Ala Gln Asp Glu Ser Ser Pro Gln Asp Glu Val Asp GluGly Arg Pro Pro Gln Thr Ala Ala Arg Glu Ala Thr Ser Ile Pro Gly Phe Pro Ala Glu Gly Ala Ile Pro Leu Pro Val Asp Phe Leu Ser Gly Arg Pro Pro Gln Thr Ala Ala Arg Glu Ala Thr Ser Ile Pro Gly Phe Pro Ala Glu Gly Ala Ile Pro Leu Pro Val Asp Phe Leu Ser Gly Arg Pro Pro Gln Thr Ala Ala Arg Glu Ala Thr Ser Ile Pro Gly Phe Pro Ala Glu Gly Ala Ile Pro Leu Pro Val Asp Phe Leu Ser Gly Arg Pro Pro Gln Thr Ala Ala Arg Glu Ala Thr Ser Ile Pro Gly Phe Pro Ala Glu Gly Ala Ile Pro Leu Pro Val Asp Phe Leu Ser Gly Arg Pro Pro Gln Thr Ala Ala Arg Glu Ala Thr Ser Ile Pro Gly Phe Pro Ala Glu Gly Ala Ile Pro Leu Pro Val Asp Phe Leu Ser Gly Arg Pro Pro Gln Thr Ala Ala Arg Glu Ala Thr Ser Ile Pro Gly Phe Pro Ala Glu Gly Ala Ile Pro Leu Pro Val Asp Phe Leu Ser Gly Arg Pro Pro Gly Phe Pro Ala Glu Gly Ala Ile Pro Leu Pro Val Asp Phe Leu Ser Gly Arg Pro Pro Gly Phe Pro Ala Glu Gly Ala Ile Pro Leu Pro Val Asp Phe Leu Ser Gly Arg Pro Pro Gly Phe Pro Ala Gly Ala Ile Pro Gly Phe Pro Gly Phe Pro Gly Phe Pro Ala Gly Phe Pro GlyArgGly Pro Ser Leu Gly Glu Asp Thr Lys Glu Ala Asp Leu Pro Glu Pro Ser Glu Lys Gln Pro Ala Ala Ala Pro Arg Gly Arg Gly Pro Ser Leu Gly Glu Ala Ala Ala Pro Arg Gly Arg Gly Pro Ser Leu Gly Glu Ala Ala Ala Pro Arg Gly Arg Gly Pro Ser Leu Gly Glu Ala Ala Ala Pro Arg Gly Arg Gly Pro Ser Leu Gly Glu Ala Ala Ala Pro Arg Gly Arg Gly Pro Ser Leu Gly Gly Arg Gly Pro Ser Leu Gly Gly Arg Gly Arg Gly Pro Ser Leu Gly Gly Arg Gly Arg Gly Pro Ser Leu Gly Gly Arg Gly Pro Ser Leu Gly Gly Arg Gly Pro Ser Leu Gly Gly Arg Gly Arg Gly Pro Ser Leu Gly Gly Arg Gly Arg Gly Pro Ser Leu Gly Gly Arg GSer Thr Arg Ser Ser Ala Lys Thr Leu Lys Asn Arg Pro Cys Leu Ser Pro Lys Leu Pro Thr Pro Gly Ser Ser Asp Pro Leu Ile Gln Pro Ser Thr Arg Ser Ser Ala Lys Thr Leu Lys Asn Arg Pro Cys Leu Ser Pro Lys Leu Pro Thr Pro Gly Ser Ser Asp Pro Leu Ile Gln Pro Ser Thr Arg Ser Ser Ala Lys Thr Leu Lys Asn Arg Pro Cys Leu Ser Pro Lys Leu Pro Thr Pro Gly Ser Ser Asp Pro Leu Ile Gln Pro Ser Thr Arg Ser Ser Ala Lys Thr Leu Lys Asn Arg Pro Cys Leu Ser Pro Lys Leu Pro Thr Pro Gly Ser Ser Asp Pro Leu Ile Gln Pro Ser Thr Arg Ser Ser Ala Lys Thr Leu Lys Asn Arg Pro Cys Leu Ser Pro Lys Leu Pro Thr Pro Gly Ser Ser Asp Pro Leu Ile Gln Pro Ser Thr Arg Ser Ser Ala Lys Thr Leu Lys Asn Arg Pro Cys Leu Ser Pro Lys Leu Pro Thr Pro Gly Ser Ser Asp Pro Leu Ile Gln Pro Ser Thr Arg Ser Ser Ala Lys Thr Leu Lys Asn Arg Pro Cys Leu Ser Pro Lys Leu Pro Thr Pro Gly Ser Ser Asp Pro Leu Ile Gln Pro Ser Thr Arg Ser Ser Ala Lys Thr Leu Lys Asn Arg Pro Cys Leu Ser Pro Lys Leu Pro Thr Pro Gly Ser Ser Asp Pro Leu Ile Gln Pro Ser Thr Arg Ser Ser Ala Lys Thr Leu Lys Asn Arg Pro Cys Leu Ser Pro Lys Leu Pro Thr Pro Gly Ser Ser Asp Pro Leu Ile Gln Pro Ser Thr Arg Ser Ser Asp Pro Leu Ile Gln Pro Ser Thr Arg Ser Ser Asp Pro Leu Ile Gln Pro Ser Thr Arg Ser Ser Asp Pro Leu Ile Gln Pro Ser Thr Arg Ser Ser Asp Pro Leu Ile Gln Pro Ser Thr Arg Ser Ser Asp Pro Leu Ile Gln Pro Ser Thr Arg Ser Ser Asp Pro Leu Ile Gln Pro Ser Thr Arg Ser Ser Asp Pro Leu Ile Gln Pro Ser Thr Arg Ser Ser Asp Pro Leu Ile Gln Pro Ser Thr Arg Ser Ser Asp Pro Leu Ile Gln Pro Ser Thr Arg Ser Ser Asp Pro Leu Ile Gln Pro Ser Thr Arg Ser Ser Asp Pro Leu Ile Gln Pro Ser Thr Arg Ser Ser Asp Pro Leu Ile Gln Pro Ser Thr Arg Ser Ser Asp Pro Leu Ile Gln Pro Ser Thr Arg Ser Ser Asp Pro Leu Ile Gln Pro Ser Thr Arg Ser Thr ArgSer Ser ProAla Val Cys ProGlu Pro Pro Ser Ser Pro Lys His Val Ser Ser Val Thr Ser Arg Thr Gly Ser Ser Gly Ala Lys Glu Met Group for the property of the propLys Leu Lys Gly Ala Asp Gly Lys Thr Lys II e Ala Thr Pro Arg Gly Ala Ala Pro Pro Gly Gln Lys Gly Gln Ala Asn Ala Thr Arg II e Pro Arg Gly Ala Ala Pro Pro Gly Gln Lys Gly Gln Ala Asn Ala Thr Arg II e Pro Arg Gly Ala Ala Pro Pro Gly Gln Lys Gly Gln Ala Asn Ala Thr Arg II e Pro Arg Gly Ala Ala Pro Pro Gly Gln Lys Gly Gln Ala Asn Ala Thr Arg II e Pro Arg Gly Ala Ala Pro Pro Gly Gln Lys Gly Gln Ala Asn Ala Thr Arg II e Pro Arg Gly Ala Ala Pro Pro Gly Gln Lys Gly Gln Ala Asn Ala Thr Arg II e Pro Arg Gly Ala Ala Pro Pro Gly Gln Lys Gly Gln Ala Asn Ala Thr Arg II e Pro Arg Gly Ala Ala Pro Pro Gly Gln Lys Gly Gln Ala Asn Ala Thr Arg II e Pro Arg Gly Ala Ala Pro Pro Gly Gln Lys Gly Gln Ala Asn Ala Thr Arg II e Pro Arg Gly Ala Ala Pro Pro Gly Gln Lys Gly Gln Ala Asn Ala Thr Arg II e Pro Arg Gly Ala Ala Pro Pro Gly Gln Lys Gly Gln Ala Asn Ala Thr Arg II e Pro Arg Gly Ala Ala Pro Pro Gly Gln Lys Gly Gln Ala Asn Ala Thr Arg II e Pro Arg Gly Ala Ala Pro Pro Gly Gln Lys Gly Gln Ala Asn Ala Thr Arg II e Pro Arg Gly Ala Ala Pro Pro Gly Gln Lys Gly Gln Ala Asn Ala Thr Arg II e Pro Arg Gly Ala Ala Pro Pro Gly Gln Lys Gly Gln Ala Asn Ala Thr Arg II e Pro Arg Gly Gln Ala Asn Ala Thr Arg Gly Glyer Pro Ser Ser Ala Lys Ser Arg Leu Gln Thr Ala Pro Val Pro Met Pro Asp Leu Lys Asn Val Lys Ser Lys Ile Gly Ser Thr Glu Asn Leu Lys Asn Val Lys Ser Lys Ile Gly Ser Thr Glu Asn Leu Lys Asn Val Lys Ser Lys Ile Gly Ser Thr Glu Asn Leu Lys Asn Val Lys Ser Lys Ile Gly Ser Thr Glu Asn Leu Lys Asn Val Lys Ser Lys Ile Gly Ser Thr Glu Asn Leu Lys Asn Val Lys Ser Lys Ile Gly Ser Thr Glu Asn Leu Lys Asn Val Lys Ser Lys Ile Gly Ser Thr Glu Asn Leu Lys Asn Val Lys Ser Lys Ile Gly Ser Thr Glu Asn Leu Lys Asn Val Lys Ser Lys Ile Gly Ser Thr Glu Asn Leu Lys Asn Val Lys Ser Lys Ile Gly Ser Thr Glu Asn Leu Lys Asn Val Lys Ser Lys Ile Gly Ser Thr Glu Asn Leu Lys Asn Val Lys Ser Lys Ile Gly Ser Thr Glu Asn Leu Lys Asn Val Lys Ser Lys Ile Gly Ser Thr Glu Asn Leu Lys Asn Val Lys Ser Lys Ile Gly Ser Thr Glu Asn Leu Lys Asn Val Lys Ser Lys Ile Gly Ser Thr Glu Asn Leu Lys Asn Val Lys Ser Lys Ile Gly Ser Thr Glu Asn Leu Lys Asn Val Lys Ser Lys Ile Gly Ser Thr Glu Asn Lys Asn Val Lys Ser Lys Ile Gly Ser Thr Glu Asn Lys Asn Val Lys Asn Vs His Gln ProGly Gly Gly Lys Val Gln II e II e Asn Lys Lys Leu Asp Leu Ser Asn Val Gln Ser Lys Cys Gly Ser Lys Asp Asn II e Lys His generation of the first ofVal ProGlyGlyGlySerValGln IleVal Tyr Lys ProVal Asp LeuSer LysVal Thr Ser LysCysGlySer LeuGly Val ProGlyGlyGly Ser Val Gln IleVal Tyr Lys ProVal Asp LeuSer Lys Val Thr Ser Lys CysGly Ser LeuGly Val ProGlyGlyGly Ser Val Gln IleVal Tyr Lys ProVal Asp LeuSer Lys Val Thr Ser Lys CysGly Ser LeuGly Val ProGlyGlyGly Ser Val Gln IleVal Tyr Lys ProVal Asp LeuSer Lys Val Thr Ser Lys CysGly Ser LeuGly Val ProGlyGly Ser Val Gln IleVal Tyr Lys ProVal Asp LeuSer Lys Val Thr Ser Lys CysGly Ser LeuGly Val ProGlyGly Ser Val Gln IleVal Tyr Lys ProVal Asp LeuSer Lys Val Thr Ser Lys CysGly Ser LeuGly Val Gln IleVal Tyr Lys ProVal Asp LeuSer Lys Val Thr Ser Lys CysGly Ser LeuGly Val Gln IleVal Tyr Lys ProVal Asp LeuSer Lys Val Gln IleVal Tyr Lys VAsn Ile His His Lys Pro Gly Gly Gln Val Glu Val Lys Ser Glu Lys Leu Asp Phe Lys Asp Arg Val Gln Ser Lys Ile Gly Ser Leu Asp Arg Val Gln Val Glu Val Lys Leu Asp Phe Lys Asp Arg Val Gln Ser Lys Ile Gly Ser Leu Asp Arg Val Gln Val Glu ValAsn Ile Thr His Val Pro Gly Gly Asn Lys Lys Ile Glu Thr His Lys Leu Thr Phe Arg Glu Asn Ala Lys Ala Lys Thr Asp His Gly Ala Lys Thr Asp His Chall Lys ThrGlulle Val Tyr Lys Ser Pro Val Val Ser Gly Asp Thr Ser Pro Arg His Leu Ser Asn Val Ser Ser Thr Gly Ser I le Asp Met Glulle Val Tyr Lys Ser Pro Val Val Ser Gly Asp Thr Ser Pro Arg His Leu Ser Asn Val Ser Ser Thr Gly Ser I le Asp Met Glulle Val Tyr Lys Ser Pro Val Val Ser Gly Asp Thr Ser Pro Arg His Leu Ser Asn Val Ser Ser Thr Gly Ser I le Asp Met Gly Asp Thr Ser Pro Arg His Leu Ser Asn Val Ser Ser Thr Gly Ser I le Asp Met Gly Asp Thr Ser Pro Arg His Leu Ser Asn Val Ser Ser Thr Gly Ser I le Asp Met Gly Asp Thr Ser Pro Arg His Leu Ser Asn Val Ser Ser Thr Gly Ser I le Asp Met Gly Asp Thr Ser Pro Arg His Leu Ser Asn Val Ser Ser Thr Gly Ser I le Asp Met Gly Asp Thr Ser Pro Arg His Leu Ser Asn Val Ser Ser Thr Gly Ser I le Asp Met Gly Asp Thr Ser Pro Arg His Leu Ser Asn Val Ser Ser Thr Gly Ser I le Asp Met Gly Asp Thr Ser Pro Arg His Leu Ser Asn Val Ser Ser Thr Gly Ser I le Asp Met Gly Asp Thr Ser Pro Arg His Leu Ser Asn Val Ser Ser Thr Gly Ser I le Asp Met Gly Asp Thr Ser Pro Arg His Leu Ser Asn Val Ser Ser Thr Gly Ser I le Asp Met Gly Asp Thr Gly AspVal Asp Ser ProGln Leu Ala Thr Leu Ala Asp Glu Val Ser Ala Ser Leu Ala Lys Gln Gly Leu Ala Lys Gln Gly Leu Ala Asp Glu Val Ser Ala Ser Leu Ala Lys Gln Gly Leu Ala Asp Glu Val Ser Ala Ser Leu Ala Lys Gln Gly Leu Ala Asp Glu Val Ser Ala Ser Leu Ala Lys Gln Gly Leu Ala Asp Glu Val Ser Ala Ser Leu Ala Lys Gln Gly Leu Ala Asp Glu Val Ser Ala Ser Leu Ala Lys Gln Gly Leu Ala Asp Glu Val Ser Ala Ser Leu Ala Lys Gln Gly Leu Ala Asp Glu Val Ser Ala Ser Leu Ala Lys Gln Gly Leu Ala Asp Glu Val Ser Ala Ser Leu Ala Lys Gln Gly Leu Ala Asp Glu Val Ser Ala Ser Leu Ala Lys Gln Gly Leu Ala Asp Glu Val Ser Ala Ser Leu Ala Lys Gln Gly Leu Ala Asp Glu Val Ser Ala Ser Leu Ala Lys Gln Gly Leu Ala Asp Glu Val Ser Ala Ser Leu Ala Lys Gln Gly Leu Ala Asp Glu Val Ser Ala Ser Leu Ala Lys Gln Gly Leu Ala Asp Glu Val Ser Ala Ser Leu Ala Asp Glu Val Ser Asp Glu Val Ser Leu Ala Asp Glu Val Ser A

FIG. 6 (SEQ. ID NO. 6)

MetAlaThrLysAlaValCysValLeuLysGlyAspGlyProValGlnGlyIleIleAsnPheGluGlnLysGluSerAsnGlyProValLysVal TrpGlySerIleLysGlyLeuThrGluGlyLeuHisGlyPheHisValHisGluPheGlyAspAsnThrAlaGlyCysThrSerAlaGlyProHis PheAsnProLeuSerArgLysHisGlyGlyProLysAspGluGluArgHisValGlyAspLeuGlyAsnValThrAlaAspLys AspGlyValAlaAspValSerIleGluAspSerValIleSerLeuSerGlyAspHisCysIleIleGlyArgThrLeuValValHisGluLys AlaAspAspLeuGlyLysGlyGlyAsnGluGluSerThrLysThrGlyAsnAlaGlySerArgLeuAlaCysGlyValIleGlyIleAlaGln

FIG. 7 (SEQ. ID NO. 7)

ArgVal Asn His Cys Leu Thr I le Cys Glu Asn I le Val Ala Gln Ser Val Arg Asn Ser Pro Glu Phe Gln Lys Leu Leu Gly I le Ala Met Glu Arg Val ArLysAlaLeuMetAspSerAsnLeuProArgLeuGlnLeuGluLeuTyrLysGluIleLysLysAsnGlyAlaProArgSerLeuArgAlauproArgLeuGlnLeuGluLeuTyrLysGluIleLysLysAsnGlyAlaProArgSerLeuArgAlauproArgLeuGlnLeA la Leu Trp Arg Phe Ala Glu Leu Ala His Leu Val Arg Pro Gln Lys Cys Arg Pro Tyr Leu Val Asn Leu Leu Pro Cys Leu Thr Arg Thr Surgan Ala Leu Val Arg Pro Gln Lys Cys Arg Pro Tyr Leu Val Asn Leu Leu Pro Cys Leu Thr Arg Thr Surgan Ala Leu Val Arg Pro Gln Lys Cys Arg Pro Tyr Leu Val Asn Leu Leu Pro Cys Leu Thr Arg Thr Surgan Ala Leu Val Arg Pro Gln Lys Cys Arg Pro Tyr Leu Val Asn Leu Leu Pro Cys Leu Thr Arg Thr Surgan Ala Leu Val Arg Pro Gln Lys Cys Arg Pro Tyr Leu Val Asn Leu Leu Pro Cys Leu Thr Arg Thr Surgan Ala Leu Val Arg Pro Gln Lys Cys Arg Pro Tyr Leu Val Asn Leu Leu Pro Cys Leu Thr Arg Thr Surgan Ala Leu Val Arg Pro Gln Lys Cys Arg Pro Tyr Leu Val Asn Leu Leu Pro Cys Leu Thr Arg Thr Surgan Ala Leu Val Asn Leu Leu Pro Cys Leu Thr Arg Thr Surgan Ala Leu Val Asn Leu Leu Pro Cys Leu Thr Arg Thr Surgan Ala Leu Val Asn Leu Leu Pro Cys Leu Thr Arg Thr Surgan Ala Leu Val Asn Leu Leu Pro Cys Leu Thr Arg Thr Surgan Ala Leu Val Asn Leu Leu Pro Cys Leu Thr Arg Thr Surgan Ala Leu Val Asn Leu Leu Pro Cys Leu Thr Arg Thr Surgan Ala Leu Val Asn Leu Leu Pro Cys Leu Thr Arg Thr Surgan Ala Leu Thr Arg Thr Arger Lys Arg ProGluGluSer Val GlnGluThr Leu Ala Ala Ala Val ProLys II e Met Ala Ser Phe Gly Asn Phe Ala Asn Asparation (Control of the Control of the ControAs nGlu II e Lys Val Leu Leu Lys Ala Phe II e Ala As n Leu Lys Ser Ser Ser ProThr II e Arg Arg Thr Ala Ala Gly Ser Ala Val Ser II e Cystan Grand Frank (North Frank 1998). The Arg Arg Thr Ala Ala Gly Ser Ala Val Ser II e Cystan Grand Frank (North Frank 1998). The Arg Arg Thr Ala Ala Gly Ser Ala Val Ser II e Cystan Grand Frank (North Frank 1998). The Arg Arg Thr Ala Ala Gly Ser Ala Val Ser II e Cystan Grand Frank (North Frank 1998). The Arg Arg Thr Ala Ala Gly Ser Ala Val Ser II e Cystan Grand Frank (North Frank 1998). The Arg Arg Thr Ala Ala Gly Ser Ala Val Ser II e Cystan Grand Frank (North Frank 1998). The Arg Arg Thr Ala Ala Gly Ser Ala Val Ser II e Cystan Grand Frank (North Frank 1998). The Arg Arg Thr Ala Ala Gly Ser Ala Val Ser II e Cystan Grand Frank (North Frank 1998). The Arg Arg Thr Ala Ala Gly Ser Ala Val Ser II e Cystan Grand Frank (North Frank 1998). The Arg Arg Thr Ala Ala Gly Ser Ala Val Ser II e Cystan Grand Frank (North Frank 1998). The Arg Thr Ala Ala Gly Ser II e Cystan Grand Frank (North Frank 1998). The Arg Thr Ala Ala Gly Grand Frank (North Frank 1998). The Arg Thr Ala Ala Gly Grand Frank (North Frank 1998). The Arg Thr Ala Ala Gly Grand Frank (North Frank 1998). The Arg Thr Ala Ala Gly Grand Frank (North Frank 1998). The Arg Thr Ala Ala Gly Grand Frank (North Frank 1998). The Arg Thr Ala Ala Gly Grand Frank (North Frank 1998) and Ala Gly Grand Frank (North Frank 1998). The Arg Thr Ala Ala Gly Grand Frank (North Frank 1998) and Ala Gly Grand Frank (North Frank 1998). 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Asp Ser Glu I le Val Leu Asp Gly Thr Alla Var Thr Pro Ser Asp Ser Glu I le Val Leu Asp Gly Thr Alla Var Thr Pro Ser Asp Ser Glu I le Val Leu Asp Gly Thr Alla Var Thr Pro Ser Asp Ser Glu I le Val Leu Asp Gly Thr Alla Var Thr Pro Ser Asp Ser Glu I le Val Leu Asp Gly Thr Alla Var Thr Pro Ser Asp Ser Glu I le Val Leu Asp Gly Thr Alla Var Thr Pro Ser Asp Ser Glu I le Val Leu Asp Gly Thr Alla Var Thr Pro Ser Asp Ser Glu I le Val Leu Asp Gly Thr Alla Var Thr Pro Ser Asp Ser Glu I le Val Leu Asp Gly Thr Alla Var Thr Pro Ser Asp Ser Glu I le Val Leu Asp Gly Thr Alla Var Thr Pro Ser Asp Gly Thr Alla Var Thr ProspAsnGlnTyrLeuGlyLeuGlnIleGlyGlnProGlnAspGluAspGluGluAlaThrGlyIleLeuProAspGluAlaThr Asp Asp Asp Ser Ala Pro Leu Val His Cys Val Arg Leu Leu Ser Ala Ser Phe Leu Leu Thr Gly Gly Lys Asn Val Leu Val Production (Control of the Control ofAsp Arg Asp Val Arg Val Ser Val Lys Ala Leu Ala Leu Ser Cys Val Gly Ala Ala Val Ala Leu His Pro Glu Ser Phe Phe Ser Lys Ala Leu 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FIG. 8



FIG. 9

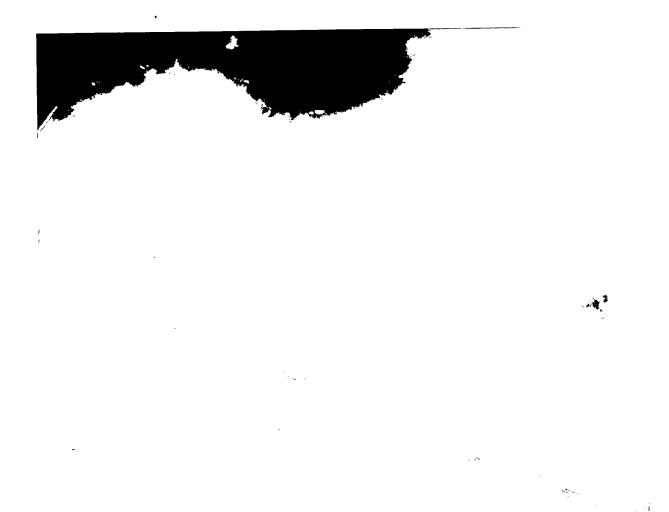


FIG. 10



FIG. 11



FIG. 12

AB40 control

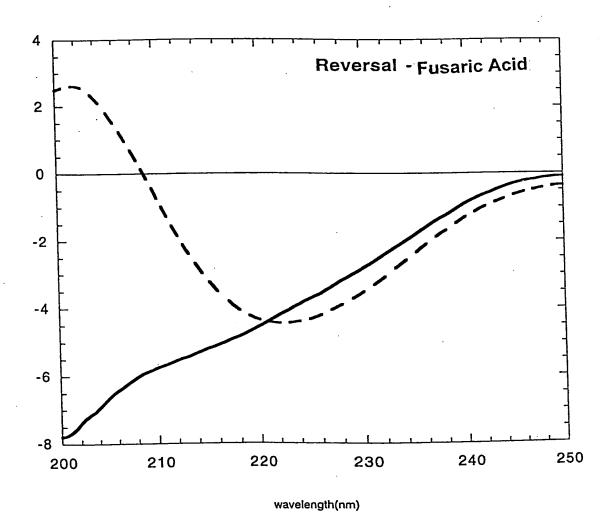


FIG. 13

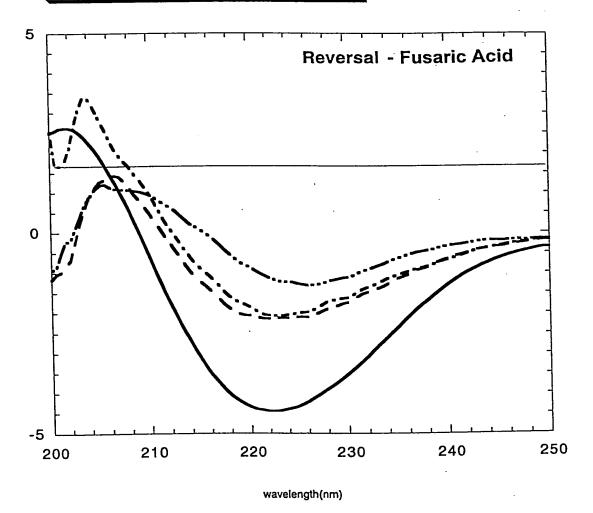


FIG. 14